

# INSTALLATION AND OPERATING INSTRUCTIONS



FOR VENT-FREE  
OR VENTED INSTALLATIONS



GOLDEN BLOUNT "TEXAS FLAME II" GAS LOGS

NATURAL GAS OR L.P.  
18" - 24" & 30" SIZE SETS



**Warning:** *If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life*

- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- What to do if you smell gas:
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone.
  - If you cannot reach your gas supplier, call a fire department.
  - Installation and service must be performed by a qualified installer, service agency or the gas supplier.

The Golden Blount vent-free gas log sets comply with the National Safety Standards and are tested and design certified by CSA to ANSI Z21.11.2-2000, unvented heaters Z21.60a-2000 decorative gas appliances for installation only in a woodburning, masonry or UL listed manufactured fireplace or in a Golden Blount or any other CSA approved vent-free fireplace. This product may be burned with the fireplace damper in either a closed or open position.

**Warning:** *Logs must be arranged so that the flames only touch bottom back log or front ember log. Flames must not touch any other log in set or any part of firebox.*

MANUFACTURED BY:

*Golden Blount* INC.

4301 WESTGROVE DRIVE  
ADDISON, TX. 75001

This is an unvented gas-fired heater. It uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided.

**IMPORTANT!** Read all instructions carefully before starting installation. Failure to follow these instructions may result in property damage, personal injury or possible loss of life

## SAFETY AND GENERAL INFORMATION

- Use correct gas type for your appliance. Do not convert from one gas type to another.
- If this appliance is for use with Propane gas, do not place propane supply tank(s) inside any structure. Locate propane supply tank(s) outdoors.
- Do not use the appliance for burning trash or cooking. Never place matches, paper, garbage, or any other material on top of logs or logs into flame.
- Always operate appliance with front fireplace screens closed.
- Make sure any safety wire mesh screen or guard removed for servicing is in place before running appliance.
- Never burn with glass doors closed.
- Never run appliance in small, closed room. Open door into next room to help ventilate.
- If appliance shuts off, do not relight until you provide fresh outside air. If appliance keeps shutting off, have it serviced.
- Do not run appliance:
  - where flammable liquids or vapors are used or stored.
  - under dusty conditions
- Surface of appliance becomes very hot when operating. Keep children and adults away from hot surface. Appliance will remain hot for some time after shutdown. Allow surface to cool before touching.
- Do not use this appliance if any part has been submerged under water. Immediately call a qualified technician to inspect the appliance and to replace any part of the control system and gas control which has been under water.
- The installation must conform with local codes or, in the absence of local codes, with the National Gas Fuel Code, ANSI Z223.1.
- Never install the appliance:
  - in a bedroom, bathroom, mobile home, or recreational vehicle.
  - where curtains, furniture, clothing, or other flammable objects are less than 42" from the front of the appliance.
  - in high traffic areas.
  - in windy or drafty areas.
- Any outside air ducts and/or ash dumps in the fireplace shall be permanently closed at time of appliance installation.
- Disconnect the gas appliance and its individual shut off valve from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig. (3.5kPa).
- Isolate the appliance from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressure equal or less than 1/2 psig.
- Do not use any type of aftermarket blower that fits inside the fireplace. Drafts created by these type of blowers may cause sooting.
- Turn off appliance and let cool before servicing. Only a qualified service person should install, service, and repair appliance.
- Inspect the appliance before use and at least annually by a professional service person. Frequent cleaning may be required due to excess lint from carpeting, bedding material, etc. It is important that control compartment, burner and circulating air passage of the appliance be kept open.
- When operated for the first time, there will be some smell from the appliance. This will diminish and disappear after a few hours of operation.
- The National Gas Fuel Code defines a confined space as a space whose volume is less than 50 cubic feet per 1000 BTU per hour (4.8m<sup>3</sup> per kw) of the aggregate input rating of all appliances installed in that space and an unconfined space as a space whose volume is not less than 50 cubic feet per 1000 BTU per hour (4.8m<sup>3</sup> per kw) of the aggregate input rating of all the appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed through openings not furnished with doors, are considered a part of the unconfined space.
- **WARNING:** if the area in which the heater may be operated is smaller than that defined as an unconfined space, provide adequate combustion and ventilation air by one of the methods described in the National Gas Fuel Code. ANSI Z223.1, 1992, section 5.3.
- **WARNING:** Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.
- Solid-fuels shall not be burned in a fireplace where an unvented room heater is installed.

# CAUTION

**NOTE! CARBON MONOXIDE POISONING MAY LEAD TO DEATH.**

Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness and/or nausea. If you have these signs, the heater may not be working properly. Get fresh air at once! Have heater serviced. Some people - pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitude - are more affected by carbon monoxide than others.

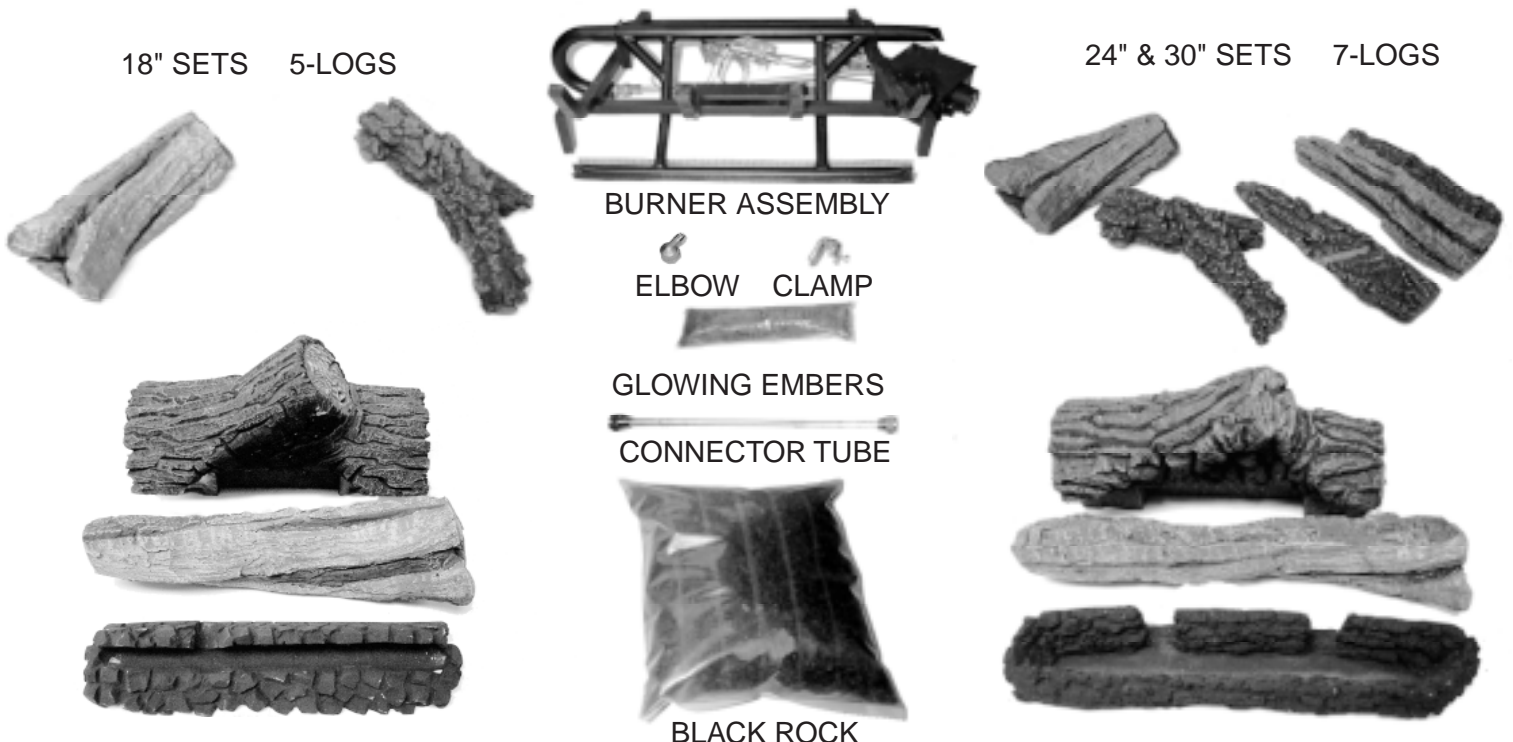
**WARNING:** ANY CHANGES TO THIS HEATER OR ITS CONTROLS CAN BE DANGEROUS AND CAN VOID WARRANTY.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance.

**Note:** Installation and repair should be done by a qualified person well trained in the installation of such appliances. You may need a building permit from your local Building Commissioner before installing this appliance.

Any safety screen or guard removed for servicing an appliance must be replaced prior to operating the heater. Do not burn with glass doors in a closed position.

## GOLDEN BLOUNT VENT-FREE LOG SET COMPONENT PARTS



SET SIZE	FIREPLACE WIDTH		DEPTH	OPENING HEIGHT
	FRONT	BACK		
18"	24"	18"	14"	20"
24"	30"	21 1/2"	16"	21"
30"	36"	30"	16"	21"

If a hood is not installed, there must be only noncombustible material from the top of the fireplace opening to a height of 20". A combustible mantel or shelf must be at least 39" up from the opening. If a hood is installed on the fireplace, the clearance can be reduced to 7".

# BURNER SYSTEM INSTALLATION

Before starting installation, find out if local and state codes approve vent-free gas logs. If unvented gas logs are not approved, the installation must be made with the fireplace damper partially open and locked to assure the minimum vent area required by local codes or the National Gas Fuel Code (ANSI Z223.1-latest edition). Use the damper clamp provided.

Clean the firebox thoroughly. In the future, frequent cleaning may be required due to excessive lint from carpeting and other materials. All burner components must always be kept clean.

**WARNING:** Before installing in a solid fuel burning fireplace, the chimney flue and firebox must be cleaned of soot, creosote, ashes and loose paint by qualified chimney cleaner.

If a 1/2" gas supply line is not already installed in the fireplace, a call to your plumber is recommended.

Check to make sure the gas supply is the same type (natural or L.P.) as listed on the rating plate attached to the burner. Note the approved gas pressure chart.

Model	<b>GB-TFII-18</b>	<b>GB-TFII-18</b>	<b>GB-TFII-24/30</b>	<b>GB-TFII-24/30</b>
Gas Type	Natural	L.P.	Natural	L.P.
Max Input	30,000btu/hr	30,000btu/hr	38,000btu/hr	35,000btu/hr
Min Input	19,000btu/hr	26,000btu/hr	22,700but/hr	28,500btu/hr
Gas Inlet Pressure				
Maximum	10.5 IN. wc	14.0 IN. WC	10.5 IN. WC	14.0 IN. WC
Minimum	5.0 IN. WC	11.0 IN. WC	5.0 IN. WC	11.0 IN. WC
Regulator Pressure	3.5 IN. WC	10.0 IN. WC	3.5 IN. WC	10.0 IN. WC

Manifold pressure check should be made with the appliance burning in the high setting.

A 1/8" NPT test plug is located on the regulator.

LP Installations require an external regulator in addition to the regulator installed in the burner system.

The LP tank could explode if the additional regulator is not installed.

When checking gas inlet pressure, the appliance must be isolated from the gas supply line by closing its individual manual shut off valve during and pressure testing of the gas supply at test pressures equal to or less then 1/2 psig. (3.5 KPA)

Centrally locate the burner/grate unit inside the firebox. Position burner/grate unit towards rear of the firebox.

Connect the burner to the gas supply using the connector tube and brass elbow supplied in the kit. Some installations may require different fittings that are available from hardware stores.

Turn on the gas with the burner valve in the "OFF" position and check all fittings for leaks using soapy water. Do not use a flame to leak test.



## PLACEMENT OF LOGS - 18" SETS

Front ember log sits under front ember burner tube as shown.

Bottom back log is to be placed on back of grate and against burner support brackets as illustrated. Notches in bottom log will go over grate bar.

Bottom front log is to be placed on front of grate and against front uprights as illustrated. Front log should be centered.

Remaining logs are to be placed in numbered notches as illustrated.

**WARNING:** Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this heater may result in property damage or personal injury.

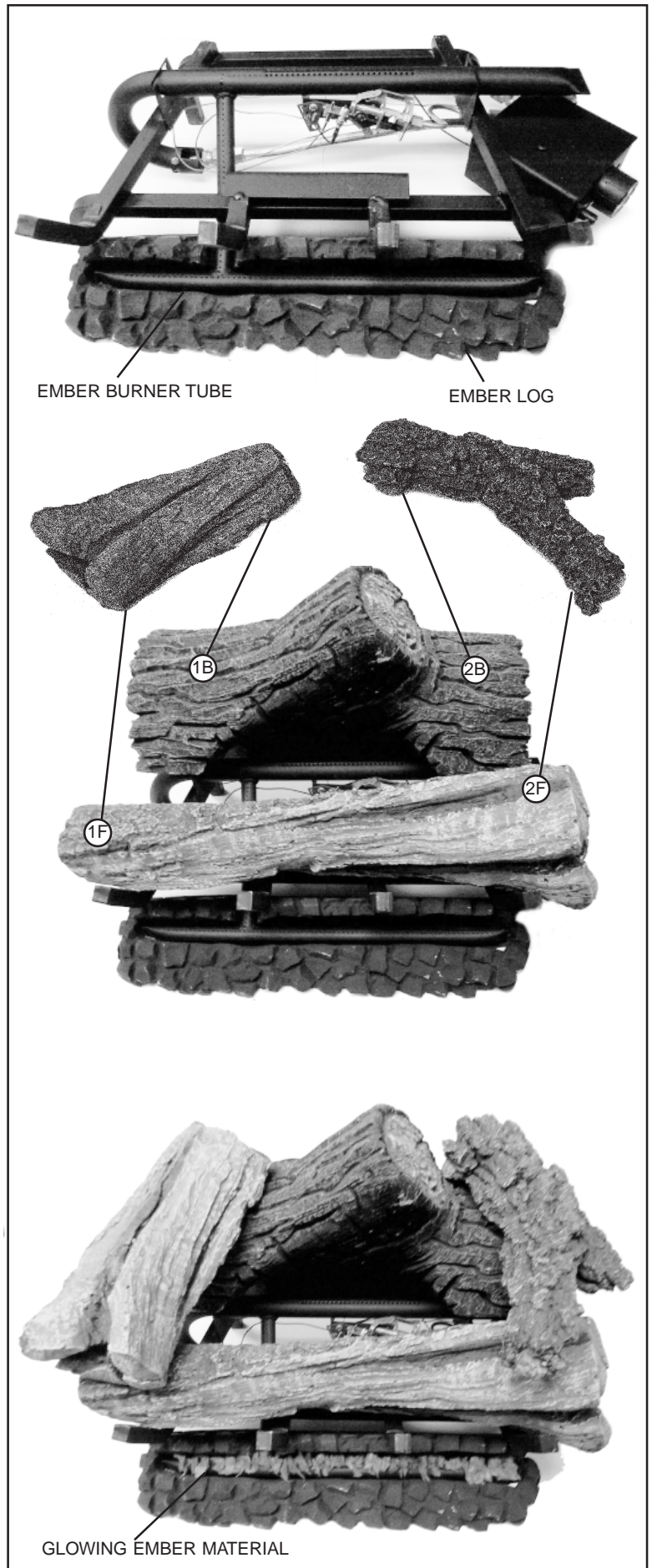
**NOTE!:** Logs must be arranged so that the flames only touch bottom back log or front ember log. Flames must not touch any other log in set.

**NOTE!:** Flames must not touch any part of firebox housing. (Damper handle, firebox roof etc.)

After positioning the logs on the burner grate, pour the black lava rock in front of the ember log and around the sides to enhance the appearance.

Spread the allotted amount of ember material over the ember pipe positioned in the front ember log.

**NOTE!:** Do not exceed the allotted amount of embers provided with the set.



## PLACEMENT OF LOGS - 24" & 30" SETS

Front ember log sits under front ember burner tube as shown.

Bottom back log is to be placed on back of grate and against burner support brackets as illustrated. Notches in bottom log will go over grate bar.

Bottom front log is to be placed on front of grate and against front uprights as illustrated. Front log should be centered.

Remaining logs are to be placed in numbered notches as illustrated.

**WARNING:** Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this heater may result in property damage or personal injury.

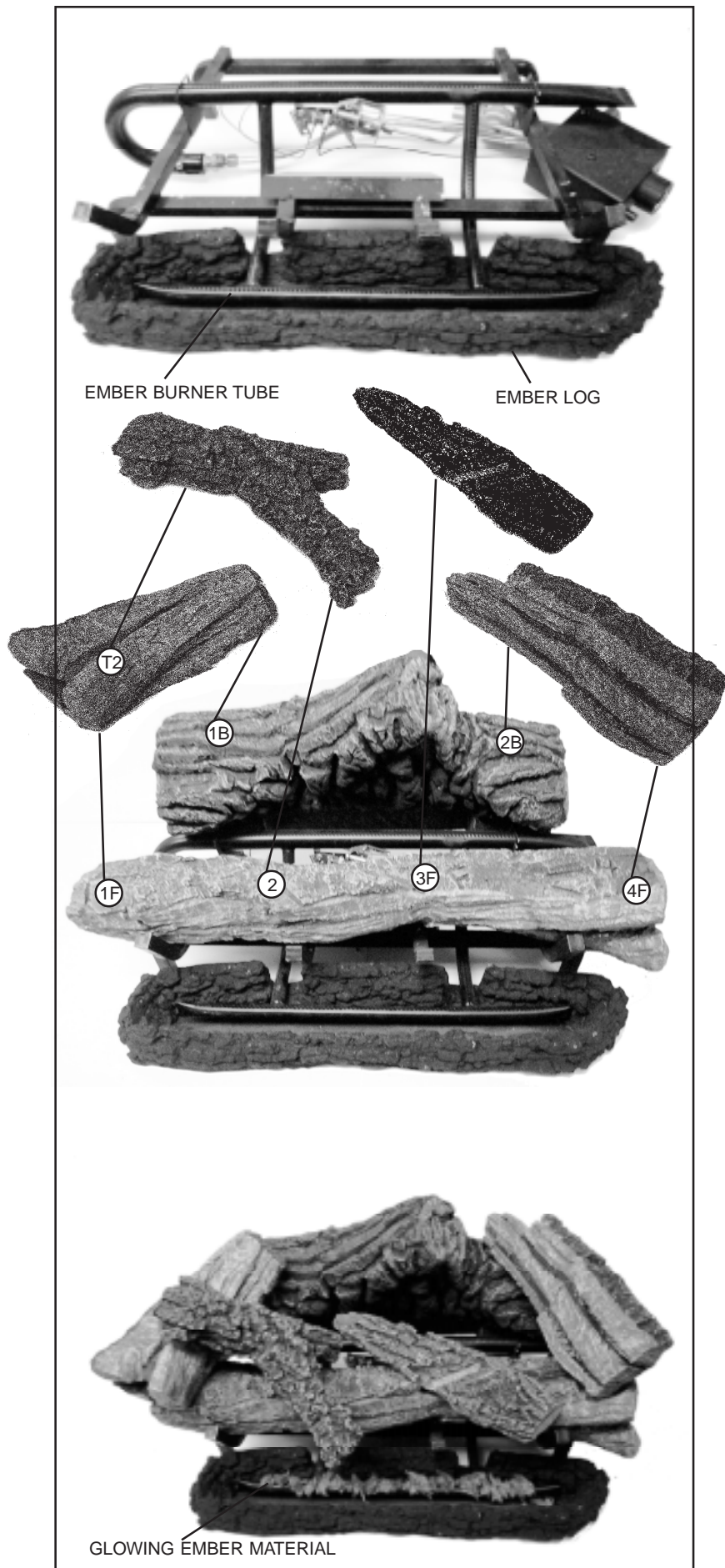
**NOTE!:** Logs must be arranged so that the flames only touch bottom back log or front ember log. Flames must not touch any other log in set.

**NOTE!:** Flames must not touch any part of firebox housing. (Damper handle, firebox roof etc.)

After positioning the logs on the burner grate, pour the black lava rock in front of the ember log and around the sides to enhance the appearance.

Spread the allotted amount of ember material over the ember pipe positioned in the front ember log.

**NOTE!:** Do not exceed the allotted amount of embers provided with the set.



## FOR YOUR SAFETY READ BEFORE LIGHTING

**WARNING:** If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance is equipped with a push-button piezo ignition device which automatically lights the pilot. If the piezo fails to ignite the pilot, then follow the lighting instructions for lighting the pilot with a match.
- B. BEFORE LIGHTING smell all around the appliance for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle to the floor.

### WHAT TO DO IF YOU SMELL GAS:

Do not try to light any appliance




Do not touch any electrical switch. Do not use any phone in your building.

Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.

If you cannot reach your gas supplier, call the fire department.

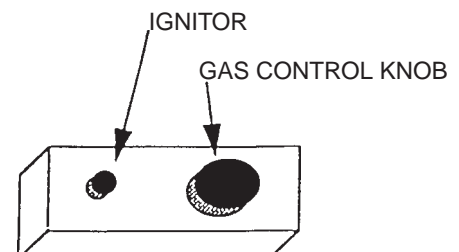
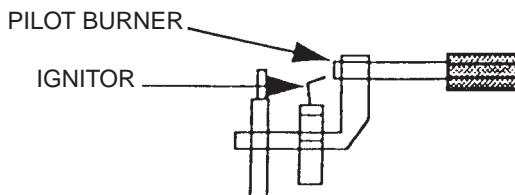
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, do not try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

## LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information previously listed above.
2. Push in gas control knob slightly and turn clockwise  to the OFF position.  
**NOTE:** Knob cannot be turned from PILOT to OFF unless knob is pushed slightly. Do not force.
3. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** follow "B" in the safety information listed above. If you don't smell gas, go to the next step.
4. Find Pilot - follow metal tube from gas control. The pilot is located on the front side of burner in the center.
5. Turn knob on gas control counterclockwise  to the PILOT position.  
Push in control knob all the way and hold in. While still holding the control knob, press in the ignitor pushbutton several times. This will cause a spark at the pilot burner which will ignite the pilot flame. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release the knob and it will pop back out. Pilot should remain lit. If it goes out, repeat steps 1-5.  
If knob does not pop out when released, stop and immediately call your service technician or gas supplier.  
If pilot does not stay lit after several tries turn the gas control knob to OFF and call your service technician or gas supplier.
6. Turn the gas control knob counterclockwise to  ON.  
**NOTE:** The gas control knob has two settings. With the gas control knob all the way to the ON position, the log is set on high, and with the control knob approximately half way between PILOT and ON the unit is on low. You can see the difference in the flame height.

## TO TURN OFF GAS TO APPLIANCE

Push in gas control knob slightly and turn clockwise  to OFF. Do not force.



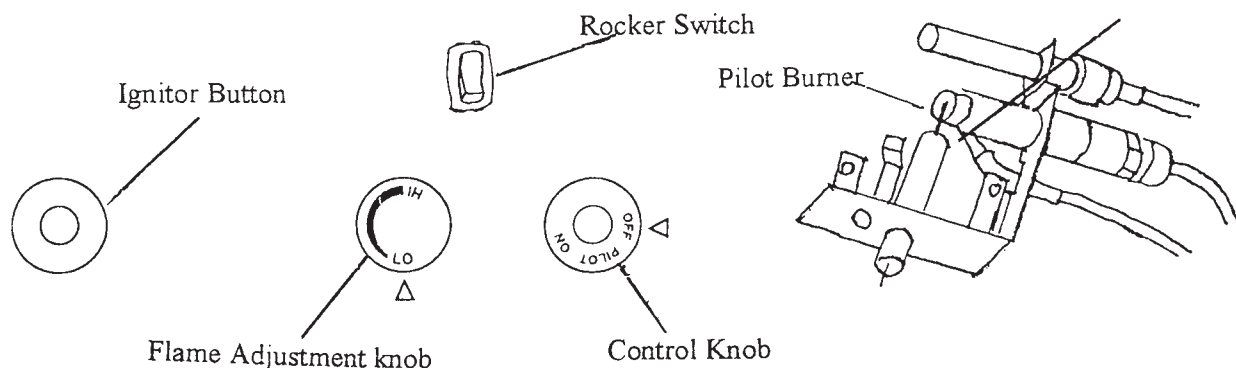


# LIGHTING INSTRUCTIONS “MILLIVOLT VALVE”

1. **STOP!** Read the safety information previously listed above.
2. Make sure manual shutoff valve is fully open.
3. Set rocker switch to **OFF** position.
4. Press in and turn control knob clockwise ↻ to the **OFF** position.
5. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** follow “B” in the safety information on page 7. If you don’t smell gas, go to the next step.
6. Press in and turn control knob counterclockwise ↺ to the **PILOT** position. Press in control knob for (5) seconds. **NOTE:** If lighting this unit for the first time after hooking up to gas supply the control knob may need to be pressed in for up to 30 seconds. This will allow air to bleed from the gas system.
7. With control knob pressed in, press and release ignitor button. This will light pilot. The pilot is attached to the main burner. If needed, keep pressing ignitor button until pilot lights. **NOTE:** If pilot does not stay lit, contact a qualified service person or gas supplier for repairs. Until repairs are made, light pilot with match, (see manual lighting procedure).
8. Keep control knob pressed in for 30 seconds after lighting pilot. After 30 seconds release control knob.
  - If control knob does not pop out when released, contact a qualified service person or gas supplier for repairs. **NOTE:** If pilot light goes out, repeat steps 4-8
9. Slightly push in and turn control knob counterclockwise ↺ to the ON position.
10. Wait one minute and switch rocker switch to the on position to light burner.
11. Set flame adjustment knob to any level between HI and LO.

**CAUTION:** DO NOT TRY TO ADJUST FLAME HEIGHT BY USING THE MANUAL SHUT OFF VALVE.


**WARNING:** MAKE SURE THE ROCKER SWITCH IS IN THE OFF POSITION WHEN YOU ARE AWAY FROM HOME FOR LONG PERIODS OF TIME.






# TO TURN OFF GAS TO APPLIANCE “MILLIVOLT VALVE” CONT.

## SHUTTING OFF HEATER

1. Turn control knob clockwise  to the **OFF** position.
2. Set rocker switch to **OFF** position

### Shutting off burners only (pilot stays lit)

You may shut off burner and keep the pilot lit by doing one of the following.

1. Turn control knob clockwise  to the PILOT position.
2. Set rocker switch to **OFF** position.
3. Turn remote control to **OFF** position.

## MANUAL LIGHTING PROCEDURE

1. Follow steps 1 through 6 under lighting instructions.
2. Depress control knob and light pilot with match or lighter.
3. Keep control knob press in for 30 seconds after lighting pilot. After 30 seconds, release control knob. Now follow step 9 lighting instructions.

### LIMITED WARRANTY

Golden Blount Gas Logs are warranted against defective materials and/or workmanship for as long as you own them. Burner Assembly is guaranteed for five years from date of purchase. ODS Pilot Assembly and valve are covered for one year.

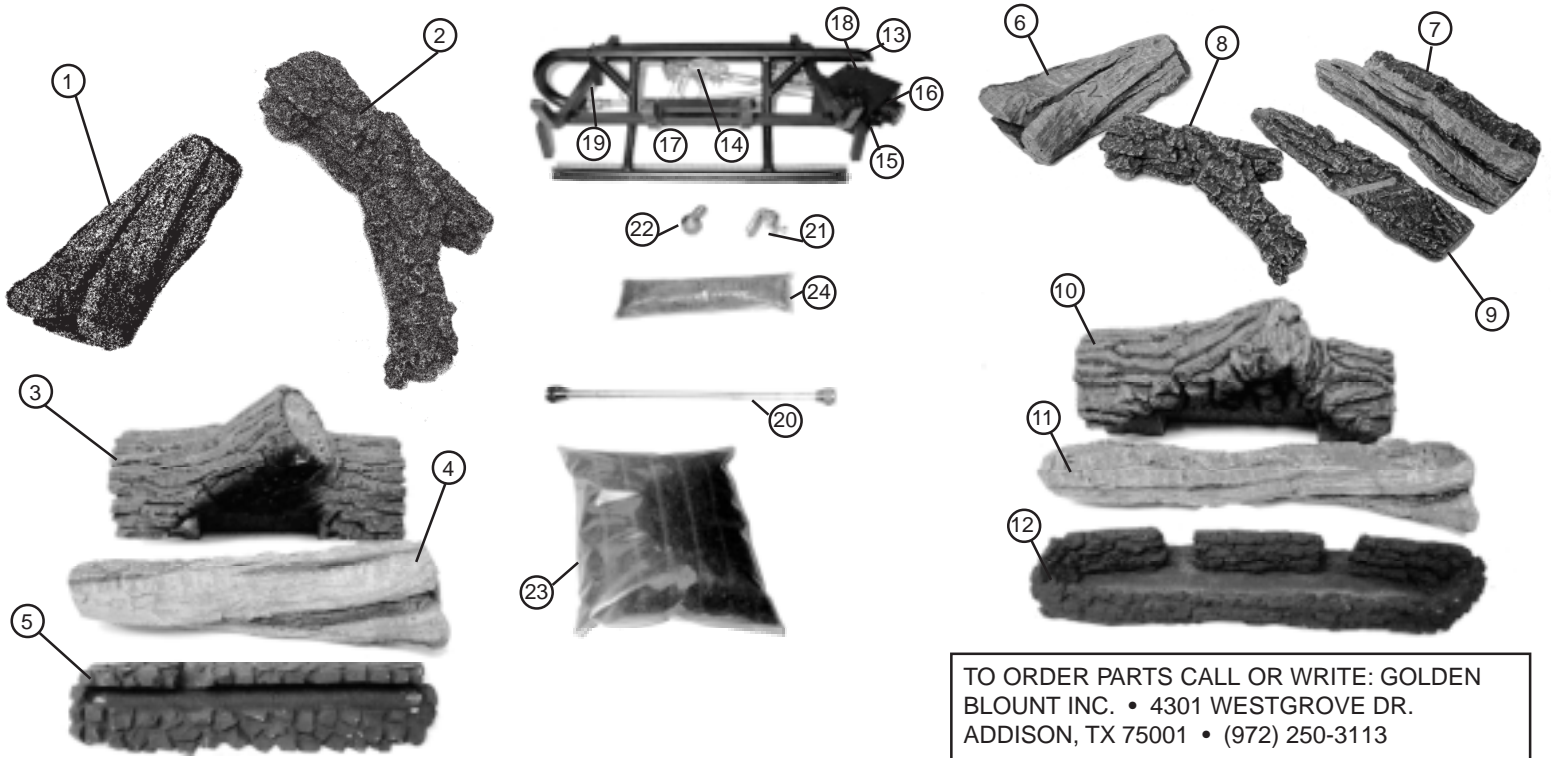
This warranty does not cover parts subjected to misuse, abuse, improper handling or improper installation. The GB warranty specifically excludes any liability for indirect, incidental or consequential damage to property.

Defective logs or defective parts should be returned to your dealer or to the factory prepaid with a copy of your sales receipt. Defective parts will be repaired or replaced at the factory's option and returned to you prepaid.



GOLDEN BLOUNT INC. - 4301 WESTGROVE DRIVE - ADDISON, TX 75001

# PARTS LIST



TO ORDER PARTS CALL OR WRITE: GOLDEN BLOUNT INC. • 4301 WESTGROVE DR. ADDISON, TX 75001 • (972) 250-3113

ITEM	QUANTITY	DESCRIPTION
1	1	TF-II-18 TOP LEFT LOG
2	1	TF-II-18 TOP RIGHT LOG
3	1	TF-II-18 BOTTOM BACK LOG
4	1	TF-II-18 BOTTOM FRONT LOG
5	1	TF-II-18 FRONT EMBER LOG
6	1	TF-II-24/30 MIDDLE LEFT LOG
7	1	TF-II-24/30 MIDDLE RIGHT LOG
8	1	TF-II-24/30 LEFT FRONT LOG
9	1	TF-II-24/30 RIGHT FRONT LOG
10	1	TF-II-24/30 BOTTOM BACK LOG (SPECIFY SIZE)
11	1	TF-II-24/30 BOTTOM FRONT LOG (SPECIFY SIZE)
12	1	TF-II-24/30 FRONT EMBER LOG
13	1	MAIN BURNER (SPECIFY MODEL AND GAS TYPE)
14	1	PILOT ASSEMBLY O.D.S. (SPEC. MODEL AND GAS TYPE)
15	1	PIEZO IGNITOR
16	1	CONTROL VALVE (SPECIFY MODEL AND GAS TYPE)
17	1	IGNITOR WIRE
18	1	GAS REGULATOR (SPECIFY MODEL AND GAS TYPE)
19	1	BURNER ORIFICE (SPECIFY MODEL AND GAS TYPE)
20	1	CONNECTOR TUBE
21	1	DAMPER CLAMP
22	1	1/2" MPT X 3/8" FLARE 90 DEGREE ELBOW
23	1	BLACK LAVA ROCK
24	1	GLOWING EMBER MATERIAL
25	1	ROCKER SWITCH (NOT SHOWN) MILLIVOLT MODEL
26	1	PUSH BUTTON IGNITOR (NOT SHOWN) MILLIVOLT MODEL

## TROUBLESHOOTING REFERENCE

With Proper installation and maintenance, your new Gas Appliance should provide years of trouble free service. If you do experience a problem, this guide will assist a CERTIFIED SERVICE PERSON in the diagnosis of problems and the corrective action to be taken.

SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
1. Pilot will not light with Piezo ignitor	A. Main shutoff valve closed.  B. Air in the gas line.  C. ODS Pilot orifice plugged, not allowing gas to flow.  D. No gas supply to the fireplace	1. Make sure that the shutoff valve located on the pipe supplying gas to the fireplace is open.  1. Light a match, turn valve knob to PILOT position and depress. Keep match near pilot burner assembly.  1. Replace the ODS Pilot assembly.  1. Check plumbing to see if gas line has been hooked up to gas supply 2. Propane tank empty
2. Pilot will not stay lit after following lighting instructions.	A. Defective thermocouple B. Thermocoupler fitting not tight in valve C. Weak pilot flame  D. Defective valve.	1. Replace thermocouple. 1. Carefully tighten fitting.  1. Pilot flame must engulf thermocouple. Clean and/or adjust pilot for maximum flame impingement on thermocouple. 1. Replace valve.
3. No gas to main burner with pilot flame burning and valve turned to On position.	A. Plugged main burner orifice.  B. Defective valve.	1. Carefully remove and clean orifice.  2. Replace valve.
4. Soot accumulating on logs.	A. Flame touching log surface	1. Rearrange the logs so that flames do not touch the logs at any point.
5. Both main burner and Pilot flame shuts off.	A. Insufficient oxygen to operate heater. B. Drafty conditions around burner assembly	1. Open outside door or window slightly.  1. Eliminate draft.